

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Zhang et al.  
Serial No.: 09/942,272  
Filed: August 29, 2001  
For: CLASS V FLEXTENSIONAL TRANSDUCER WITH  
DIRECTIONAL BEAM PATTERNS  
Examiner: Medley, P.M.  
Art Unit: 2834  
Docket No.: 823.0103USU

**BOX AF  
COMMISSIONER FOR PATENTS  
Washington, D.C. 20231**

Dear Sir:

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JAN 31 2003  
TECHNOLOGY CENTER 2800

**AMENDMENT TRANSMITTAL FORM**

We are enclosing an Amendment Under Rule 116 in the above-identified application.

Petition for extension of time pursuant to 37 C.F.R. §§ 1.136 and 1.137 is hereby made if, and to the extent, required. The fee for this extension of time is calculated to be \$205.00 (Small Entity Status) to extend the time for filing this response until January 28, 2003.

The fee for any change in number of claims has been calculated as shown below.

CLAIMS AS AMENDED						
	Claims Remaining After Amendment		Highest Number Previously Paid	Present Extra	Rate	
Total Claims	16	Minus	20	0	x \$18.00	\$0.00
Independent Claims	3	Minus	3	2	x \$84.00	\$0.00
MULTIPLE DEPENDENT CLAIM FEE				x \$280.00 = \$		
TOTAL FEE FOR CLAIM CHANGES				\$0.00		
½ FEE FOR SMALL ENTITY STATUS				\$0.00		

The total fee for this amendment, including claim changes and any extension of time is calculated to be \$ 205.00 .

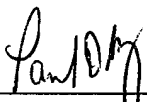
**XXX** A Request for Extension of Time is attached.

**XXX** A check in the amount of \$ 205.00 is attached.

**XXX** The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. §§1.16 and 1.17 which may be required with this communication or during the entire pendency of the application, or credit any overpayment, to **Deposit Account No. 01-0467**. A duplicate copy of this Form is enclosed.

January 23, 2003

Date

  
\_\_\_\_\_  
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**CERTIFICATE OF MAILING**

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE U.S. POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: BOX AF, COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231, ON JANUARY 23, 2003.

Jeffrey J. Scepanski

NAME

  
\_\_\_\_\_  
SIGNATURE

01/23/03

DATE



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Attorney Docket: 823.0103USU

**AMENDMENT UNDER RULE 116**

BOX AF  
Commissioner for Patents  
Washington, D. C. 20231

Sir:

In reply to the final Office Action dated August 28, 2002, please amend the above patent application as follows:

**IN THE CLAIMS**

Please amend the claims as follows:

1. (Twice amended) An electro active device for generating a directional beam comprising:

first and second electro active substrates each having first and second opposed continuous planar surfaces wherein each of said first opposed surfaces have a polarity and each of said second opposed surfaces have an opposite

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